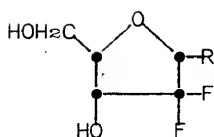
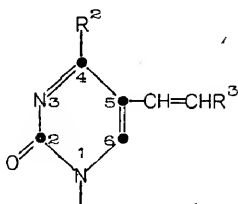
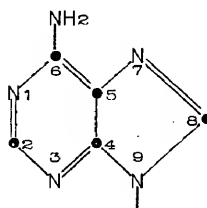
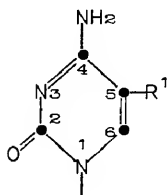
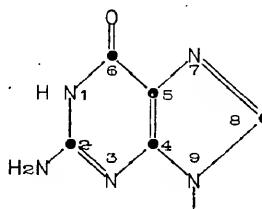
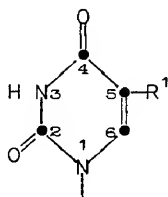


I claim:

1. A nucleoside of the formula



wherein R is a base *selected from the group consisting of* ~~one of the formulae~~



wherein

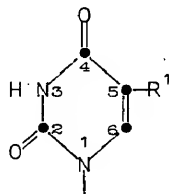
R^1 is hydrogen, methyl, bromo, fluoro, chloro or iodo;

R^2 is hydroxy ~~or amino~~;

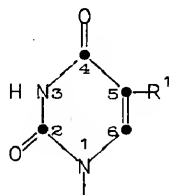
R^3 is hydrogen, bromo, chloro or iodo.

2. A nucleoside of claim 1, wherein the carbohydrate moiety is in the ribose form.

3. A nucleoside of claim 2 wherein the base is of the formula



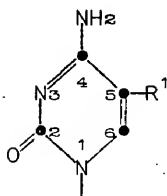
4. A nucleoside of claim 1 wherein the base is of the formula



5. A nucleoside of claim 4 wherein R^1 is methyl.

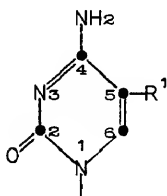
6. A nucleoside of claim 3 wherein R^1 is methyl.

7. A nucleoside of claim 1 wherein the base is of the formula



10

8. A nucleoside of claim 2 wherein the base is of the formula



15

20 iodo.

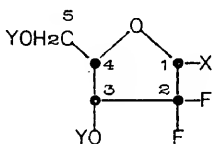
9. A nucleoside of claim 7 wherein R¹ is

10. A nucleoside of claim 8 wherein R¹ is iodo.

25 ~~11. A method of treating viral infections in mammals comprising administering to a mammal in need of such treatment an effective amount of a compound of claim 1.~~

~~12. A pharmaceutical composition comprising a compound of claim 1 and a pharmaceutically-acceptable carrier, diluent or excipient therefor.~~

13. A difluoro-desoxy carbohydrate of the formula



10 wherein X is hydroxy or a leaving group; and the Y groups independently are hydrogen or hydroxy-protecting groups.

14. A carbohydrate of claim 13 which is in the ribose form.

15 15. A carbohydrate of claim 14 wherein X is hydroxy.

16. A carbohydrate of claim 13 wherein X is hydroxy.

17. A carbohydrate of claim 15 wherein Y is hydrogen.

20 18. A carbohydrate of claim 16 wherein Y is hydrogen.

19. A carbohydrate of claim 13 wherein X is a sulfonate leaving group.

25 20. A carbohydrate of claim 14 wherein X is a sulfonate leaving group.

21. A carbohydrate of claim 19 wherein Y is a silyl hydroxy-protecting group.

22. A carbohydrate of claim 20 wherein Y is a silyl hydroxy-protecting group.

add B27